

Contents of Volume 24 (1993)

VOL. 24 NO. 1

SEPTEMBER 1993

Field evaluation of desalinization models	
A.F. Eloubaidy, S.M. Hussain and M.T. Al-Taie (Baghdad, Iraq).....	1
Effect of organic matter and gypsum in controlling soil sodicity in rice-wheat-maize system irrigated with sodic waters	
B.S. Sekhon and M.S. Bajwa (Ludhiana, India)	15
Water use and yields of cotton grown under wide-spaced furrow irrigation	
J.F. Stone and D.L. Nofziger (Stillwater, Oklahoma, USA)	27
The relation between soil infiltration and effective porosity in different soils	
A.M. Helalia (Cairo, Egypt)	39
Soil water depletion by sunflower and sorghum under rainfed conditions	
F. Rachidi, M.B. Kirkham, L.R. Stone (Manhattan, Kansas, USA) and E.T. Kanemasu (Griffin, Georgia, USA)	49
Application of DRAINMOD under semi-arid conditions	
G.P. Gupta, S.O. Prasher (Ste-Anne-de Bellevue, Quebec, Canada), S.T. Chieng (Vancouver, B.C., Canada) and I.N. Mathur (Ste-Anne-de Bellevue, Quebec, Canada)	63
Publisher's Announcement	81

VOL. 24 NO. 2

OCTOBER 1993

Investigations about the optimum depth of drains in loamy soils in Latvia	
C. Shkinkis (Yelgava, Latvia).....	83
Physiological studies in young <i>Eucalyptus</i> stands in southern India and derived estimates of forest transpiration	
J. Roberts and P.T.W. Rosier (Wallingford, Oxfordshire, UK).....	103
Water use, wetted soil volume, root distribution and yield of avocado under drip irrigation	
N. Michelakis, E. Vougioucalou and G. Clapaki (Chania, Crete, Greece)	119
Alternate-furrow irrigation for soybean production	
Y.E. Graterol (Estado Portuguesa, Venezuela), D.E. Eisenhauer (Lincoln, Nebraska, USA) and R.W. Elmore (Clay Center, Nebraska, USA)	133
Soil water and ET estimates for a wide range of rainfed and irrigated conditions	
G. Kerr (Laramie, Wyoming, USA), L. Pochop, K.J. Fornstrom (Laramie, Wyoming, USA), J.M. Krall (Laramie, Wyoming, USA) and D. Brown (Laramie, Wyoming, USA)	147
Publisher's Announcement	161

VOL. 24 NO. 3

NOVEMBER 1993

Forecasting of reference crop evapotranspiration M.A. Mariño (Davis, California, USA), J.C. Tracy (Brookings, South Dakota, USA) and S. Alireza Taghavi (Sacramento, California, USA)	163
Saline water management for optimum crop production A. Hamdy (Bari Institute, Italy), S. Abdel-Dayem and M. Abu-Zeid (Cairo, Egypt)	189
Dynamics of water use in a dry mediterranean environment. I. Soil evaporation little affected by presence of plant canopy I.A.M. Yunusa, R.H. Sedgley (Nedlands, Australia), R.K. Belford and D. Tennant (Baron Hay Court, South Perth, Australia)	205
Dynamics of water use in a dry mediterranean environment. II. A test of four evaporation models using microlysimetry under spring wheat I.A.M. Yunusa, R.H. Sedgley (Nedlands, Australia), D. Tennant and R.K. Belford (Baron Hay Court, South Perth, Australia)	225
Computer model for on-farm irrigation system planning B.A. King (Moscow, Idaho, USA) and J.R. Busch (Longview, Texas, USA)	239
Publisher's Announcement	249

VOL. 24 NO. 4

DECEMBER 1993

Water conservation through irrigation scheduling under arid climatic conditions F.S. Mohammad and A.I. Al-Amoud (Riyadh, Saudi Arabia)	251
Irrigation effects on growth and water use of <i>Quercus virginiana</i> (Mill.) on a Texas lignite surface-mined site M.G. Messina (College Station, TX, USA) and J.E. Duncan (Los Angeles, CA, USA)	265
Estimating furrow infiltration B.R. Hanson, T.L. Prichard and H. Schulbach (Davis, California, USA)	281
Effect of flow fluctuations on free draining, sloping furrow and border irrigation systems A. Gharbi (Medjez El Bab, Tunisia), H. Daghari (Tunis, Tunisia) and K. Cherif (Mateur, Tunisia)	299
Irrigation with brackish water under desert conditions IX. The salt tolerance of six forage crops D. Pasternak, A. Nerd (Beer-Sheva, Israel) and Y. De Malach (Halutsa Mobile Post, Israel)	321
Book Reviews	335
Author Index, Volume 24	339
Contents of Agricultural Water Management, Volume 24, 1993	341
Publisher's Announcement	343